

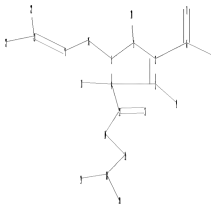
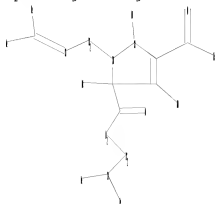
FILE 'HOME' ENTERED AT 19:11:35 ON 14 MAR 2008

=> file reg
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

=>
Uploading C:\Program Files\Stnexp\Queries\10789817.str

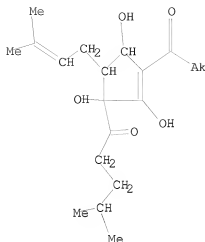


chain nodes :
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
ring nodes :
1 2 3 4 5
chain bonds :
1-10 2-6 3-9 4-11 4-12 5-16 6-7 6-8 12-13 12-14 14-15 15-18 16-17 17-21
18-19 18-20 21-22 21-23
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 1-10 2-3 3-4 3-9 4-5 4-11 6-7 6-8 12-13
exact bonds :
2-6 4-12 5-16 12-14 14-15 15-18 16-17 17-21 18-19 18-20 21-22 21-23

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

FULL SEARCH INITIATED 19:12:26 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 215 TO ITERATE

100.0% PROCESSED 215 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L2

1 SEA SSS FUL L1

=> d l2

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

RN 685110-36-5 REGISTRY

ED Entered STN: 24 May 2004

CN 1-Pentanone, 4-methyl-1-[1,2,4-trihydroxy-5-(3-methyl-2-buten-1-yl)-3-(2-methyl-1-oxobutyl)-2-cyclopenten-1-yl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Pentanone, 4-methyl-1-[1,2,4-trihydroxy-5-(3-methyl-2-butenyl)-3-(2-methyl-1-oxobutyl)-2-cyclopenten-1-yl]- (9CI)

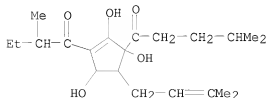
OTHER NAMES:

CN Tetrahydroadhumulone

MF C21 H34 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

14 REFERENCES IN FILE CA (1907 TO DATE)
14 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file hcaplus

=> s l2 and (caffeine or aminophylline or methylxanthine or chlorotheophylline or
IBMX or pamabrom or paraxanthine or pentoxifyline or propentofylline or
theobromine or theodrenaline or theophylline)

14 L2
32961 CAFFEINE
3613 AMINOPHYLLINE
4507 METHYLXANTHINE
273 CHLOROTHEOPHYLLINE
3346 IBMX
22 PAMABROM
517 PARAXANTHINE
7 PENTOXIFYLINE
302 PROPENTOFYLLINE
4159 THEOBROMINE
18 THEODRENALINE
22353 THEOPHYLLINE
L3 2 L2 AND (CAFFEINE OR AMINOPHYLLINE OR METHYLXANTHINE OR CHLORO
THEOPHYLLINE OR IBMX OR PAMABROM OR PARAXANTHINE OR PENTOXIFYLINE
OR PROPENTOFYLLINE OR THEOBROMINE OR THEODRENALINE OR THEOPHYLLI
NE)

=> d ibib 1-
YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2008 ACS ON STN
ACCESSION NUMBER: 2007:873413 HCAPLUS <<LOGINID::20080314>>
DOCUMENT NUMBER: 147:243339
TITLE: Synergistic anti-inflammatory pharmaceutical
composition comprising curcuminoid or
methylxanthine
INVENTOR(S): Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 37pp., Cont.-in-part of U.S.
Ser. No. 789,817.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
US 2007185213	A1	20070809	US 2007-590424	20070402
US 2005191375	A1	20050901	US 2004-789817	20040227
WO 2005084230	A2	20050915	WO 2005-US6147	20050226
WO 2005084230	A3	20051215		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,
SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,

AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2004-789817 A2 20040227
 WO 2005-US6147 W 20050226

OTHER SOURCE(S): MARPAT 147:243339

L3 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:961505 HCAPLUS <<LOGINID:20080314>>
 DOCUMENT NUMBER: 143:241995
 TITLE: Synergistic antiinflammatory pharmaceutical
 compositions and related methods using a hops-derived
 fraction and curcuminoids or methylxanthines
 INVENTOR(S): Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 37 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005191375	A1	20050901	US 2004-789817	20040227
AU 2005218319	A1	20050915	AU 2005-218319	20050226
CA 2557643	A1	20050915	CA 2005-2557643	20050226
WO 2005084230	A2	20050915	WO 2005-US6147	20050226
WO 2005084230	A3	20051215		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1718312	A2	20061108	EP 2005-723839	20050226
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1946409	A	20070411	CN 2005-80011830	20050226
JP 2007525523	T	20070906	JP 2007-501015	20050226
MX 2006PA09746	A	20070330	MX 2006-PA9746	20060825
KR 2007018046	A	20070213	KR 2006-720068	20060927
US 2007185213	A1	20070809	US 2007-590424	20070402

PRIORITY APPLN. INFO.: US 2004-789817 A 20040227
 WO 2005-US6147 W 20050226

OTHER SOURCE(S): MARPAT 143:241995

=> s (tetra-hydroisoalpha or isoalpha or tetrahydro) and (caffeine or aminophylline
 or methylxanthine or chlorotheophylline or IBMX or pamabrom or paraxanthine or
 pentoxifylline or propentofylline or theobromine or theodrenaline or theophylline)

67985 TETRA
 0 HYDROISOALPHA
 0 TETRA-HYDROISOALPHA
 (TETRA(W)HYDROISOALPHA)

```

    42 ISOALPHA
    74469 TETRAHYDRO
    32961 CAFFEINE
    3613 AMINOPHYLLINE
    4507 METHYLXANTHINE
    273 CHLOROTHEOPHYLLINE
    3346 IBMX
    22 PAMABROM
    517 PARAXANTHINE
    7 PENTOXIFYLINE
    302 PROPENTOFYLLINE
    4159 THEOBROMINE
    18 THEODRENALINE
    22353 THEOPHYLLINE
L4    629 (TETRA-HYDROISOALPHA OR ISOALPHA OR TETRAHYDRO) AND (CAFFEINE
      OR AMINOPHYLLINE OR METHYLXANTHINE OR CHLOROTHEOPHYLLINE OR IBMX
      OR PAMABROM OR PARAXANTHINE OR PENTOXIFYLINE OR PROPENTOFYLLIN
      E OR THEOBROMINE OR THEODRENALINE OR THEOPHYLLINE)

=> s l4 and acid
    4545466 ACID
L5    411 L4 AND ACID

=> s l5 and 1920<=py<=2004
    24694921 1920<=PY<=2004
L6    393 L5 AND 1920<=PY<=2004

=> s l5 and 1920<=py<=2003
    23592144 1920<=PY<=2003
L7    391 L5 AND 1920<=PY<=2003

=> s (isoalpha(w)acid) and (caffeine or aminophylline or methylxanthine or
chlorotheophylline or IBMX or pamabrom or paraxanthine or pentoxifyline or
propentofylline or theobromine or theodrenaline or theophylline)
    42 ISOALPHA
    4545466 ACID
    29 ISOALPHA(W)ACID
    32961 CAFFEINE
    3613 AMINOPHYLLINE
    4507 METHYLXANTHINE
    273 CHLOROTHEOPHYLLINE
    3346 IBMX
    22 PAMABROM
    517 PARAXANTHINE
    7 PENTOXIFYLINE
    302 PROPENTOFYLLINE
    4159 THEOBROMINE
    18 THEODRENALINE
    22353 THEOPHYLLINE
L8    0 (ISOALPHA(W)ACID) AND (CAFFEINE OR AMINOPHYLLINE OR METHYLXANTHI
      NE OR CHLOROTHEOPHYLLINE OR IBMX OR PAMABROM OR PARAXANTHINE
      OR PENTOXIFYLINE OR PROPENTOFYLLINE OR THEOBROMINE OR THEODRENAL
      INE OR THEOPHYLLINE)

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